

October 2015



Graham County School News



Graham County School Superintendent

Donna M. McGaughey

Volume 11, Issue 10

"Providing Quality Service and Support to Graham County Schools"

Please visit our website

www.graham.az.gov

Superintendent's Message

Football, band, volleyball, soccer...you know it's fall by the sporting schedules. It's a busy, busy time—take care of yourselves!

The annual Arizona School Boards Association Law Conference took place last month and provided dozens of informative sessions for school board members and administrators. A highlight of the conference was the return of Mr. Clay Jenkinson who took on the personas of Presidents Thomas Jefferson and Theodore Roosevelt. Mr. Jenkinson does an excellent job of bringing history to life and magnifying the philosophies of two great, but very different leaders.

Last month we hosted a second workshop from the U of A and the Thomas R. Brown Foundation, this time with a focus on Economics/Civics. These are outstanding workshops and we have another one planned for elementary teachers in early spring. I will advertise here, so look for it!

Parent conferences are coming up—good luck everyone!

Contact us:

Donna McGaughey
Superintendent
921 Thatcher Blvd.
Safford, AZ 85546
928-428-2880
Fax: 928-428-8824

dmcgaugh-ey@graham.az.gov

Jill Davis, Chief Deputy
jdavis@graham.az.gov

Polly Merriman, Deputy
pmerriman@graham.az.gov

Online Registration:
www.graham.az.gov

Click on:

School Superintendent,
Workshops

Dates to Remember:

Oct. 6—Graham/Greenlee Early Childhood Coalition 4:00 Graham Co. General Services

Oct. 8-11—Graham County Fair "It's a Hidden Treasure."

Oct. 12—Columbus Day General Services Bldg. closed

Oct. 13—Rodel Math 20/20 meeting

Oct. 16-17 SHS 100th Anniversary Reunion Safford High School, CFA, Downtown Safford

Oct. 17—Harvest Festival Downtown Safford

Oct. 24—Cowboy Poets Discovery Park

Oct. 26-30—4th grades at the U of A/Safford Ag Center, details on pg. 14



Parade Information

Friday October 9, 2015

10:00 a.m.

Theme: It's a Hidden Treasure (Ideas: Pirate, Buried Treasure, Shipwrecked, anything considered a "Treasure")

Entry Blank Deadline:

Friday October 2, 2015

Return Entry Blank to:

Fair Office

527 E. Armory Rd. Safford or fax to
928-348-0023 or

Email to fair@graham.az.gov

(see page 4 for an entry form)

\$200 prize to the best Elementary and Jr. High Floats

(Last year there were no elementary parade entry entries...\$200 went unclaimed!

Please visit www.grahamcountyfair.com to see the fair book, schedule of events, rules, etc.

Monday, October 5th – Building # 2 will be Open Noon – 5 PM for Class Displays to be put up, call 428-7180 to reserve a space, otherwise spaces are first come, first served basis.

*(Class displays do NOT need an entry form;
only individual student entries need a form.)*

I will need a total individual entry count from each teacher/class with entries so I can leave the correct number of student ticket vouchers for Friday, October 9th of the Fair.

Email any questions to me (Annette Watson) at awatson@graham.az.gov

PARADE ENTRY FORM

2015 Graham County Fair "It's a Hidden Treasure"

Entry Blank Deadline: FRIDAY, October 2, 2015

Ideas for parade theme: Pirate, buried treasure, shipwrecked, things considered
"Treasures" by group or organization

Sponsor: _____

Contact: _____ Phone: _____

Mailing Address: _____

TYPE OF ENTRY (choose all that apply)

_____ Do NOT judge Description: _____

_____ Mounted Unit Organization: _____

_____ Float/GC School Class & School: _____

_____ Float Organization: _____

_____ Motor Vehicle Describe: _____

_____ Elected Official Name/Title: _____

Sound Level of Entry ___none ___low ___med ___high

*****Parade Announcer's Entry Info*****

(Office use - ENTRY #_____)

Tell us something about the organization:

Notes/those responsible etc.:

All entries returned to the Fair Office, 527 E. Armory Rd. Safford

An Invitation....

Graham/Greenlee Early Childhood Coalition *Start Early. Finish Strong.*

Open the door between early childhood and primary grades by joining us for another gathering in our series of coalition collaborations.

Tuesday October 6, 2015

4:00 – 5:30 p.m.

**General Services Building
Assembly Room**



Topic: *Transition – Birth through 3rd Grade*

Learn more about how early childhood agencies, preschool programs, parents and schools can work together.

Come and join the fun! The Graham/Greenlee Early Childhood Coalition is open to all early childhood providers/directors and K-3 teachers/administrators! Please spread the word.

Register by contacting Paulette LeBlanc at pleblanc@aznexus.net by Friday October 2, 2015.

*The Graham/Greenlee Early Childhood Coalition is sponsored by:
Donna McGaughey, Graham County School Superintendent
Tom Powers, Greenlee County School Superintendent
JoAnn Morales, EAC Early Childhood Instructor*





State of Arizona
Arizona Geological Survey



Re: [GREAT ARIZONA SHAKEOUT](#) Oct. 15, 2015

The Great Arizona ShakeOut earthquake preparedness drill of 2014 engaged more than 124,000 Arizonans. So far in 2015, enrollment for ShakeOut on October 15 is approaching 60,000; and we have 73 days to go.

We are once again inviting Arizona's K-12 education community, community colleges and universities to join us in hosting this event – see the “*What can you do to help?*” section below. (*Last year, more than 81,000 children and teachers participated.*)

This year, the Great Arizona ShakeOut is scheduled for 10:15 a.m. on Oct. 15th. We invite you to join us – the Arizona Geological Survey (AZGS) and Arizona Dept. of Emergency & Military Affairs (DEMA) – and please invite neighboring K-12 schools to, “Drop, Cover, and Hold On” for ShakeOut.

Our goal this year is to engage as many as 140,000 people in the two-minute drill. With nearly 60,000 Arizonans already enrolled, we are off to a smashing start. Participation in ShakeOut is free and open to the public.

While communities in Coconino, Mohave, Yavapai and Yuma counties are perhaps at greatest risk for earthquakes, no community is invulnerable to the ground shaking and damage that accompanies moderate to large magnitude earthquakes.

In 2014, earthquakes and subsequent aftershocks near Duncan (M 5.3, 29 June) and Sedona (M 4.7, 30 Nov.) rattled and surprised residents in central and eastern Arizona, including Tucson, Phoenix, and Flagstaff. Proving once again that earthquakes occur in Arizona and more reason to prepare for the ground shaking that accompanies a moderate to large tremor. Earthquake faults in Arizona, surrounding states and Mexico are capable of damaging earthquakes up to a magnitude 7.5.

The ShakeOut drill is a simple three-step exercise with the potential to save lives and minimize injuries from earthquakes.

Drop, Cover, and Hold On involves:

- * **Drop** to the ground; * **Take Cover** under a sturdy table or desk and protect your head and neck;
- * **Hold On** until the shaking stops.

What can Arizona educators do to help?

Link to the Arizona ShakeOut webpage at www.shakeout.org/arizona; Sign up your school to participate, and encourage others to do the same Display [Arizona Shakeout materials](#) around your office and website

Forward this note to your school district and individual schools and encourage them to participate.

The Great Arizona Shakeout is our state's opportunity to practice what to do *before an earthquake occurs*. This two-minute drill can minimize injuries and save lives.

To register for ShakeOut, go to the online [registration page](#) and pledge your organization's participation. Once registered, you will receive information on how to plan your drill, and engage your office, friends, family and associates. We will stay in touch as the event draws closer. In the meantime, if you have ideas on audiences we should be reaching out to, please let us know.

Sincerely,

Michael Conway
Chief, Geologic Extension Service
Arizona Geological Survey
416 W. Congress, Tucson AZ 85701
Michael.conway@azgs.az.gov
520.209.4146 c. 520.971.3688

Judy Kioski
Arizona Dept. of Emergency & Military Affairs
Lead Public Information Officer
5636 E. McDowell Rd, Phoenix AZ 85008
judy.kioski@azdema.gov
602.464.6245 c. 602-509-5216

Invitation to Participate



Calling all Bulldogs!

Safford High School is turning 100 years old this year. On Oct. 16-17th, all Bulldog alumni are invited to celebrate this milestone.

Friday Oct. 16, 10:00—8:00 —Memorabilia Room in the SHS small gym—no charge

Friday Oct. 16, 4:30—7:00 p.m. BBQ Dinner—\$10 per plate

Friday Oct. 16, 7:00 p.m. Homecoming Football Game—pay at the gate

Saturday Oct. 17, 7:00 a.m Fun Run—no charge, starts at SHS

Sat. Oct. 17, 10:00 a.m. Parade down Main Street—all classes invited—no charge

Sat. Oct. 17, 12:00 p.m. Memorabilia Room open—no charge

Sat. Oct. 17, 2:00 Pep Assembly in the Norma Bellamy Gym—no charge

Sat. Oct. 17, 4:00 Alumni Concert in the David M. Player Center for the Arts—\$5

Saturday Night on Main Street!

(Enjoy the Harvest Festival during the day!)

Car show * Music * Vendors * Downtown Merchants open

Visit shsalumni.org

to register and to see the complete list of events.

Help us spread the word!

Sponsored by the Safford High School Scholarship Foundation



Using Technology to Advance Toddler and Preschooler Learning

Saying no screen time for toddlers and preschoolers is easier said than done. Technology isn't going away and neither is the desire to make sure that kids are prepared for the world filled with computers at every turn. The American Academy of Pediatrics recommends no exposure to screens for children under 2 years old. But as the child gets older, families can use technology and interactive media to support learning and ultimately relationships.

According to the National Association for the Education of Young Children and the Fred Rogers Center for Early Learning and Children's Media at Saint Vincent College, by managing time and choosing developmentally appropriate technology, adults can actually extend children's learning. It's important to note that not all technology is equal when it comes to use with young children. Early childhood organizations make distinctions between passive, non-interactive technology such as certain television programs and DVDs versus age-appropriate websites, phone apps and television programs that allow for the child to be active, create, think critically and problem solve.

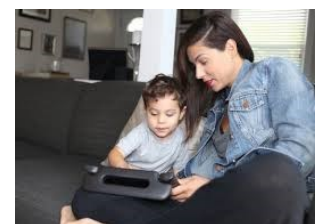
At First Things First, we remind families that they're in charge of managing the quantity and quality of screen time. What does that look like in real life? Finding a balance of activities is key.

Limit your child's screen time and follow up by allowing time for your child to explore, pick up things and touch things, all ways to stimulate all the senses. For more tips go to healthychildren.org and search screen time.

The quality depends on the adult. Think of technology as another opportunity to interact with your child. Make sure that an adult is always with your child, providing hands-on engagement with what is going on. Zerotothree.org tells families to ask questions to engage thinking skills, such as, "What do you think will happen next?" Or after viewing a show about animals, take a walk and talk about the animals you see.

A smartphone can certainly engage a toddler, but an adult should be with the child to make the experience interactive. Using Skype to talk on camera with family members provides an authentic engagement with people in the child's life and their world.

In an age where technology dominates so much of the world, families have an opportunity to complement their child's learning with digital experiences that help them get ready to succeed.





GILA VALLEY COWBOY POETRY & MUSIC GATHERING

October 24—25, 2015

Student Cowboy Poetry & Western Art Program

Attention all Teachers of 5-6 Grade Students

Seeking Participants within the Graham County area

Gila Valley Cowboy Poets, Inc. and the Art Guild of Eastern Arizona:

Invite YOU to Encourage Your students to participate in the

School Kids Cowboy Poetry Writing

&

Western Art Program

Every Student is Welcome to Enter Either or Both Categories

Theme for 2015

ROPE BURNS AND BLISTERS"



Information

An informational packet will be delivered to the schools and to the Graham County School Superintendent's Office located in the General Services Building.

If this does not become a class project, please encourage any interested student to submit a poem and/or art entry. All dates and deadlines will apply.

*Thank you for your willingness to encourage our kids in the arts!**

Poetry Contact:

Bunny Dryden
928-965-3377

Art Contact:

Maggie Pollen Bryce
928-792-4283



Art Supply Grants

K-12 Teachers in SE Arizona*

Could you use more art supplies for your students??

Friends of Western Art offers up to \$400 of art supply funds for programs that teach western art. Today's western art embraces a variety of subject matter. In addition to Native Americans and cowboys, subjects include southwest architecture, gardens, landscapes, and wildlife; a detailed list is at www.FriendsofWesternArt.org on the *Education* page.

Successful applicants will receive a supply account at Sarnoff Artist Supplies in Tucson (can be purchased on-line and shipped to outlying areas). Supplies are for Western art projects only.

Applying is Simple! Complete the application or send us:

1. Your name, school, county, grade level(s) you teach, phone number, and email address.
2. A paragraph explaining how you incorporate Western art into your curriculum. This may include a brief lesson description, names of videos or western art guest speakers, etc.
3. Description of supplies you need and the time period of project(s).
4. Amount requesting (maximum amounts per year: High School \$400, Middle School \$300, and Elementary \$200).

Grant Reporting: Share with us! Email 3 to 5 photos showing how the materials were used.

Send Applications to: FWAgrant@gmail.com

Apply between August 31st and January 31st.

Share this with other art teachers—it is non-competitive.

Funds awarded on a first come – first served basis.

Successful applicants notified within 4 to 6 weeks after applying.

*SE Arizona includes the entire counties of Pima, Cochise and Santa Cruz plus areas south of the Gila River in Pinal, Graham, and Greenlee counties.

The Friends of Western Art is a non-profit organization. Its mission is to promote the awareness of art of American West in Tucson and southeastern Arizona through underwriting and educational programs.

American West in Tucson and southeastern Arizona through underwriting and educational programs.



Art Supply Grant Application

Name _____ Date: _____ School _____

Your Grade Level(s) _____ District: _____ County: _____

Phone # _____ Email _____

Number of students who will work on the project _____

Briefly describe the lesson you will use to incorporate Western Art into your curriculum.

List the supplies you will purchase for the lesson.

Amount requested: _____ Time frame of the project _____

Maximum amounts per year: High School \$400, Middle School \$300, and Elementary \$200

Grant Reporting: Share with us! Email 3 to 5 photos showing student artwork.

Successful applicants will be notified within 4 to 6 weeks after applying and receive a supply account at Sarnoff Artist Supplies, 2504 N. Campbell Ave. in Tucson. Supplies are for western art projects only.

Send applications to: FWAgrant@gmail.com

*To be eligible, you must teach in SE Arizona which includes the entire counties of Pima, Cochise and Santa Cruz plus areas south of the Gila River in Pinal, Graham and Greenlee counties.

***Apply between August 31st and January 31st.** You may apply more than once during the school year until you reach the maximum amounts based on grade level.

***Maximum amounts per year: HS \$400, Middle School \$300, Elementary \$200**

www.FriendsofWesternArt.org

Dear Educators,

The EAC Discovery Park Campus is available to help you have a fun, safe, and educational Science related field trip, and best of all ...there's no cost! Field trips are available on Tuesdays and Thursdays throughout the school year for all grade levels. Please call for more information or to schedule an awesome field trip for your students!



Hurry! Field trip dates are filling fast!!



EAC Discovery Park staff offer exciting field trip opportunities with lessons available in two subjects areas;

Native Habitat (plants and animals), and Astronomy

The Discovery Park staff instructors and our wonderful community volunteers who share their love of nature and astronomy are here to help you.

EAC Discovery Park offers a variety of educational opportunities not found anywhere else!

Graham County Historical Society's collection of early Gila Valley artifacts.
Amazing interactive Electromagnetic spectrum display.

Our friends Galileo, Isaac Newton, and Albert Einstein show us the "History of Astronomy".

The World's largest permanently mounted "Camera Obscura" - light, refraction, and perspective.

The DPC research-grade 20" Tinsley Telescope in the "Gov Aker" Observatory.

"Nature's Hideaway" Pond- see native animals in a natural Sonoran Desert Riparian Habitat.

The endangered Chiricahua Leopard Frog Ranarium Breeding program.

"Mill's Collection" of Pre-Historic Native American Pottery

And the exciting "Polaris" shuttle ride simulator for facts about our Solar System!

Contact Jackie at the EAC Discovery Park Campus for more information or to schedule a field trip:

(928)428-6260 or e-mail: jackie.madsen@eac.edu



Ready, Set, Explore Science!



ASTA Annual Conference November 6-7, 2015 NAU North Valley Phoenix Campus

The annual conference of the Arizona Science Teachers Association, *Ready, Set, Explore Science!* will be held on **November 6-7, 2015** in **Phoenix** at **NAU North Valley Phoenix Campus**.

REGISTER NOW!

Over 300 science educators will share ideas and work together to advocate research-based science teaching and learning for all of Arizona's children. Attendees have over 50 one-hour and three-hour workshops to choose from a focus strand:

· **3-Dimensional Teaching** – Sessions in this strand focus on teaching at the intersection of the three dimensions found in *The Framework* - Scientific & Engineering Practices, Crosscutting Concepts, and Disciplinary Core Ideas. As students explore particular disciplinary ideas, they should do so by engaging in the practices while making connections using the crosscutting concepts. These sessions will provide teachers with an opportunity to explore both knowledge and practice and how they help build conceptual understanding of scientific phenomena.

· **STEM Teaching & Learning** – Sessions in this strand are geared to help teachers better understand the significance of STEM education which is defined as an integration of science, technology, engineering, and mathematics disciplines that focuses on innovation, preparing students for a changing technology-driven world. Sessions will help participants gain an awareness and understanding of how STEM can be implemented, applied and sustained in a K-16 setting. Participants will learn how to use STEM as a vehicle for discovery, innovation, and independent problem solving while also meeting curriculum demands.

· **Supporting the 21st Century Skills** – Sessions in this strand will help participants in building their science and STEM teacher toolbox by developing critical thinking, collaboration, creativity, and communication. Teachers will discover additional strategies and resources to help students develop ways of thinking and ways of working that will better prepare them for the 21st Century.

· **General** – Sessions in this strand that do not fit this year's focus but provide participants with rich learning experiences.

For more information visit: www.azsta.org/conferences

[\(back to top\)](#)

ASTA gratefully acknowledges support from the following organizations:



EASI Camps and Events Calendar:

November 6-7, 2015 – ASTA Conference “Ready, Set, Explore Science!”

December 5, 2015 - “G.O. Stem” (Girls Only – STEM) @ DPC

- Please contact me as soon as possible if you have a lesson idea for this “Girls Only” STEM Day-Camp. Requesting female instructors.

•

March 10-12, 2016 Eastern Arizona Regional Science Fair

I’ll send out information on how to make a Science Fair at your school fun and painless! Look for it about the first of the year.

May 31-June 2, 2016 – Tonto Creek STEM Camp

June 6-10, 2016 – Southeastern AZ Teachers Academy (SEATA)

June 13-15, 2016 – EASI Summer Science Camp – Grade 6-9

June 20-24, 2016 – EASI High School Forensics Camp – Grade 8-12

Paul R. Anger

Director, EAC Discovery Park Campus

Chair, Eastern Arizona Science Initiative

Region V Rep., Arizona Science Teachers Association

1651 W. Discovery Park Blvd. Safford, AZ 85546

paul.anger@eac.edu (928) 428-6260



2015 "5-Cs of Arizona" Field Days



The University of Arizona

Safford Agricultural Center and Graham County Cooperative Extension



4th Grade Experience:

A hay ride and tour of the Safford Ag Center

Lessons and activities relating to Arizona's 5-Cs

Hands-on science in an outdoor setting

Dear Fourth Grade Teacher:

For the first time ever, the Safford Agricultural Center and Graham County Cooperative Extension are happy to invite the Fourth Grade students from Graham and Greenlee Counties to attend our all-new 5-Cs Field Days. In past years, we have invited Third Grade for Corn Field Days and Sixth Grade for Cotton Field Days. Over the years, from comments and suggestions made from local teachers and others involved in education, we have realized that offering a new field day experience for Fourth Grade will better meet the educational needs and fill the educational standards for our students and teachers.

We would like to invite you and your students to experience our first "5-Cs" Field Days to be held at the Safford Agricultural Center on October 26th, 27th, 28th, 29th, and 30th. Four classes, 1/2 hour in length, are being scheduled. We can begin classes as early as 8:30 am. Please call and reserve your day/time as soon as possible, as 4th grade classes from both Graham and Greenlee Counties have been invited to attend our event. Classes and activities will focus on Cotton/Cash Crops, Copper, Cattle, and Climate in Arizona.

As we all know, finances continue to be tight for everyone. To help defray our costs of providing this educational experience to students, we will be accepting donations of \$1.00 per student. If your school or students are not able to provide the money, please call us. We do not want this to be a financial hardship that will keep anyone from participating.

Please call Teara at the Graham County Cooperative Extension at 428-2611 with the date and time you would like to bring your class. Times are scheduled on a first call basis. We will do our best to be flexible and accommodate everyone's schedules.

If you have any questions, please feel free to call Teara at Cooperative Extension, 428-2611 or Marcy at the Safford Ag Center, 428-2432.

We look forward to seeing you!

When attending, please ask your students to wear hats, long pants and closed-toe shoes.

Students are also encouraged to bring their own water bottles.

The University of Arizona is an equal opportunity, affirmative action institution. The University does not discriminate on the basis of race, color, religion, sex, national origin, age, disability, veteran status, or sexual orientation in its programs and activities.

SAFFORD CITY GRAHAM COUNTY LIBRARY



808 S. Seventh Ave.
Safford, AZ 85546
(928) 432-4165

The Safford City / Graham County Library offers services beyond checking out books. The Graham County School Superintendent has partnered with the library to offer homework help for students from kindergarten through college. **It's free to Graham County students.** Visit the library's homepage at www.cityofsafford.us and click on the *Homework Help* icon. This will lead you to the icon for **Tutor.com**. "Check out" this free tool and get help on any subject.

Citizens looking for help with finding a job should take advantage of the services offered by Job Skills Instructor, Kevin Hansen. Mr. Hansen offers help in finding jobs and preparing resumes. Additionally, he will help coach job seekers as they practice their interview skills. This is a great service!

The library has partnered with *First Things First* to enhance literacy skills in our youngest population. In addition to story time, parents can bring their children to the Brain Box sessions and other preschool activities scheduled throughout the year. The library has secured a grant from First Things First to fund the Imagination Library Book Club. Children ages birth through five can be signed up to receive a free, age-appropriate book in the mail each month. These are just a few of the wonderful things families can explore due to the partnerships formed by the library.

Visit the Safford City / Graham County Library in person or online!



The Safford City—Graham County Library has partnered with the Arizona State Library to bring a fabulous FREE database of eBooks to our students!

Visit www.saffordlibrary.org

On the left side of the screen, click on "TumbleBooks / eBooks for Kids

"Check out" the titles, which now include non-fiction!

The books are indexed by reading levels, grade, and lexile.

Take advantage of this valuable opportunity—it's free!

Visit the Gift Shop!

Safford City / Graham County Library

808 S. Seventh Ave.

Safford, AZ 85546 928-432-4165

Hours: Mon.—Thursday 10:00 a.m. —7:00 p.m. Closed Friday—Sunday



Speaking of wonderful resources...

You Can Take Free Online Courses with Universal Class

Interested in learning new crafts and hobbies? Looking to go from amateur to pro photography? Starting a business and would like to know more about entrepreneurship? The library has you covered! Go to the library's website at www.saffordlibrary.org and sign up to take free courses with Universal Class.

Universal Class offers a diverse catalog of lifelong learning courses online including:

- | | |
|--|--|
| Accounting, Career Training, Office Skills | Real Estate and Entrepreneurship. |
| Cooking, Crafts and Hobbies. | Fine Arts and Photography. |
| Performing Arts. | Parenting and Family. |
| Alternative Medicine, Self-Help. | Personal Care. |
| Computer Training. | Web Development. |
| Pet and Animal Care. | Home Gardening, Repair and DIY. |
| Psychology. | History. |
| Religious and Spiritual Studies. | Science. |
| General Education. | Special Education. |
| Homeschooling. | Teacher Resources. |
| Test Preparation. | Social Work. |
| Language Arts. | Terminology. |
| Math and Writing Skills. | Law, Legal and Criminal.and more! |

Go through each full course to earn Continuing Education Units (CEUs) and certificates! Some courses even offer Video Mode for those wanting to simply audit courses. Remember to log in with your full library card number (ex: P41256) when first signing up.

LEARN LANGUAGES FOR FREE WITH MANGO LANGUAGES

Choose from over 70 languages to learn for FREE! Spanish, French, Chinese, Japanese, ESL (Inglés) and much more!! Easy to use and self-paced, with audio, video and vocabulary to help you learn at your own comfort. Register for your own free personal profile or click QUICK START below to get started right away! Remember to sign in with your library card number (ex: 41256) when you first register.

MANGO MONDAYS - EVERY MONDAY Beginning August 3rd

Sign up anytime during the month of August for Mango Languages on the library's website at www.saffordlibrary.org and be entered in a raffle to win fun door prizes every Monday! Be sure to either fill out a ticket at the front desk or message us on Facebook at [fb.com/saffordlibrary](https://www.facebook.com/saffordlibrary) so we can enter you in. Door prizes will be drawn every Monday at 4 PM.

Free Distance Learning Programs Available from the Phoenix Zoo

Thanks to generous funding from APS Foundation we are able to offer free distance learning programs that broadcast into your classroom. **Phoenix Zoo Distance Learning** broadcasts include live animals, engaging and inquiry-based activities that are designed to complement classroom Academic Standards. The only technology you need to receive a program from us is internet access, a projector and computer, and speakers for sound. We also do have limited funds to help with renting technology, as needed. For more information visit on our programs visit <http://phoenixzoo.org/camps-programs/outreach/>. For questions regarding the scholarships or to book a program call our Reservations Department at 602.914.4333.

Free E-Rate Consultant Services

Milan Eaton is the new "State E-Rate Coordinator for Schools" in Arizona. His goal is for every school in the state to receive a fair share of E-Rate funds through the USAC (Universal Services Administration Company). During the month of January, he plans to visit every county in the state to offer assistance with the Schools/Districts in the area. The Federal Communications Commission has recently updated its E-rate program to focus on expanding Wi-Fi networks in schools, especially small, rural schools. Mr. Eaton invites all schools and districts to visit the State E-Rate Website and join the E-Rate mailing list. His website address is: <http://www.azed.gov/erate/2014/09/10/join-our-e-rate-email-list/>

Mr. Eaton can also be reached at: Arizona Department of Education Information Technology
602-542-3595 milan.eaton@azed.gov



**RAISING
SUPERHEROES**
ONE ALTER-EGO AT A TIME

**RAISING SUPERHEROES IN YOUR
SCHOOL 2015-2016**
SCHOOL ASSEMBLY OR SPECIFIC GRADES

OUR GOAL:
TEACH STUDENTS THE DIFFERENCE BETWEEN
VICTIMS, VILLAINS, AND HEROES.
THEN HELP THEM DISCOVER THE HERO WITHIN!

FOR MORE INFO: WWW.SUPERHEROHANDBOOK.COM
OR CALL 928-322-8133

CLASSROOM CURRICULUM NOW AVAILABLE!
TEACHERS CAN USE TOPICS IN ADDITION TO THEIR LESSONS, OR AS A STAND ALONE LESSON.



Arts in Education



This week, get to know the imaginative thinkers, beat makers, abstract painters, and code-savvy creators impacting the spheres of technology, culture, and art! PBS LearningMedia's featured resources (like [KQED's Art School](#)) offer students an unprecedented window into the arts while helping them to flex their critical thinking skills. Explore the resources below!



Rock Art

Peg + Cat | Grades PreK-K

Turn all those rocks and shells you collected this summer into awesome pieces of art with a little help from Peg + Cat! Use this game to explore counting, categorizing, and matching.

[Play the Game](#)



RISD STEAM Collection

Grades PreK-12

Discover what art can tell us about the mysteries of science with resources from the new RISD [Rhode Island School of Design] collection. Each activity encourages students to critique, analyze, and reflect.

[See the Collection](#)



The Effect of Color

Off Book | Grades 9-12

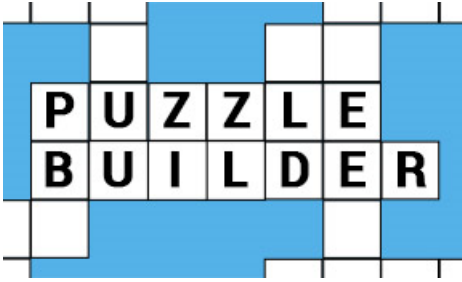
Did you know that color impacts humans on a physiological and physiological level? Investigate this amazing phenomenon and find out how it influences the way we interact with each other.

[View the Resource](#)



Enter the Emperor Science Award Program by November 1, 2015 for a chance to work alongside a university-level scientist and become a part of the next generation of cancer researchers. Open to students in grades 10 and 11.

[Enter Today!](#)



NEW Tool: Puzzle Builder

Now you can bolster vocabulary skills development by creating a personalized word search or crossword puzzle! The Puzzle Builder is the newest addition to PBS LearningMedia's suite of productivity tools for teachers.

[Try it Out](#)



WEBINAR: PBS LEARNINGMEDIA CUSTOM 101

Get to know PBS LearningMedia Custom - a premium service offering the curriculum-targeted resources you love from PBS LearningMedia - PLUS additional content, features, and functionality.

October 8, 2015 | 7:00 PM EDT | [Register](#)



Teaching Phonemic Awareness and Phonics

Study the stages of literacy development and learn to design activities that strengthen your students' skills in phonemic and phonological awareness, letter-sound correspondence, and phonograms.

Grades PreK-3 | 45 Hours | [Enroll](#)



Seeing Math: Linear Functions

Discover a fresh approach to teaching linear functions through the use of real-world problems and learn how multiple solutions can help strengthen students' understanding of functions and equations.

Grades 6-12 | 30 Hours | [Enroll](#)

PBS LearningMedia is a FREE service offering educators and students thousands of curriculum-targeted digital resources from America's #1 Educational Media Brand.

Log in and explore today!

© 2015 PBS & WGBH Educational Foundation. All rights reserved.

[View Online](#) | [Privacy Policy](#) | [Terms of Use](#) | [Unsubscribe/Manage Subscriptions](#)



Administrators and teachers understand that parents rely on them to not only educate their kids, but to help keep them safe. Severe weather can threaten the safety of students and staff at any time of the year. Safety is just one of the reasons why thousands of schools participate in the WeatherBug Schools Program.

Powered by WeatherBug's industry-leading technology and unique capabilities, the WeatherBug Schools Program supports your school with alerting tools and STEM-based education resources.



Enriched STEM Curriculum

WeatherBug's interactive web experience uses real-time data from your school's weather station, plus data from thousands of WeatherBug weather stations and cameras in the WeatherBug Network. Your live weather data strengthens STEM lessons with fresh content and keeps students engaged.

Advanced Total Lightning Detection and Alerts

Only WeatherBug monitors cloud-to-ground and in-cloud lightning strikes. In-cloud lightning is a valuable precursor to severe weather. WeatherBug detects in-cloud lightning and delivers alerts up to 9 minutes ahead of other providers. WeatherBug helps coaches, trainers and administrators respond faster and keep students safe.

Connect to Your Community

By joining the WeatherBug Schools Program, data from your school's weather station can be shared with local residents through their desktop computers, tablets and smartphones — providing a valuable resource. Plus, when your local station uses your school's weather data or camera images during television broadcasts, viewers will hear your school's name — elevating your school's visibility

Register by October 9, 2015 to receive discounts to offset the costs of the program - all designed to improve STEM instruction and/or weather safety programs.

<http://weather.weatherbug.com/weather-education/emails/2015/education/fall-followup/landing-ProspectTV.htm>

Grant Opportunities for Teachers from the United Way of Graham County

The United Way of Graham County will begin reviewing
Education Grants again in early 2016.

We advise you continue working on your ideas and grants, but hold off on
submitting them until the United Way provides new information on their
2016 deadlines.

About the United Way

The United Way of Graham County is an all-volunteer organization that
provides grant support to nonprofit organizations in southeastern Arizona.
We serve Graham and Greenlee counties, providing funding support for
causes in Education, Income and Health.

Our mission: to advance the common good by focusing on quality of life,
health and education—the building blocks of a good life.

Have you written your grant yet?

Dozens of projects have been funded! For assistance with your grant,
please contact Paulette LeBlanc at pleblanc@aznex.net

It's never too early to start!



Grant Funding Alerts

It's never too early to start working on a grant!

Freeport-McMoRan Inc. Grants

Mini-Grants for Education Application Window: May 1st –Oct. 1st

Please visit www.freeportinmycommunity.com

Grants in the range of \$100—\$500 a school is eligible to receive up to four mini-grants per year. Additional grant opportunities are available including the STEM Education grant. Graham County received nearly \$500,000 in the recent round of Community Investment Fund grant awards held in August. Thank you Freeport-McMoRan!

Kinder Morgan Foundation K-12 Education, Environmental Education, Arts, and Youth Development Grants

Deadline: 10th of every month Amount: \$1,000—\$5,000

"The Kinder Morgan Foundation believes that today's youth are tomorrow's leaders, and our mission is to provide them with opportunities to learn and grow. Our goal is to help today's science, math and music students become the engineers, educators and musicians who will support our diverse communities for many years to come."

<http://www.kindermorgan.com/community/>

Sponsor: U.S. General Services Administration

Name: Computers for Learning

Who: Schools and educational nonprofits

Amount: based on need **Cost Share:** None **Deadline:** rolling

Description: Computers for Learning (CFL) program allows schools and educational nonprofits to view and select computer equipment that federal agencies have reported as excess. The CFL program includes making modern computer technology an integral part of every classroom, connecting classrooms to the national infrastructure, providing teachers with the professional development they need to use new technologies effectively, and encouraging the use of innovative educational software.

Link: http://computersforlearning.gov/hm/hp_aboutprogram.htm

Arizona Community Foundation Scholarships

The Arizona Community Foundation is now inviting Arizona high school seniors, current students at colleges and vocational-technical schools and graduate-level students to apply for college scholarship funding available for the 2015-2016 academic year. Completing just one application automatically matches students with every scholarship opportunity for which they qualify from among ACF's 80 awards.

<https://azfoundation.academicworks.com/>

Professional Development Opportunities/ Grant Funding Alerts

Strengthening Secondary Education

Deadline: Open

Amount: \$100,000—\$200,000

Sponsor: Arthur Vining Davis Foundation

Type: Education

Grants are made for innovative professional development programs that strengthen teachers and their teaching in grades 9-12.

<http://www.avdf.org/FoundationsPrograms/SecondaryEducation.aspx>

School Grants Today eMagazine

K-12 Grants, Tips and News

www.schoolgrantstoday.com

D-Backs Program Grants

D-Backs program grants are given statewide to non-profit organizations. Funds for these grants are raised throughout the season through team fundraising events, including the annual Evening on the Diamond benefit dinner, Shirts Off Our D-Backs and additional events. All 501(c) 3 non-profit organization in Arizona are welcome to apply for funding, however, funding must be serving the people of Arizona. The deadline is open and the amount of grant funding available for projects is \$1,000—\$5,000. For more info: <http://arizona.diamondbacks.mlb.com/ari/community/grants.jsp>

Daily Point of Light Award

Deadline: Rolling

The power of the individual to spark change and improve the world—that's what the Daily Point of Light Award celebrates. Nominate a local hero for this award. Recognition includes a certificate signed by President George H.W. Bush.

<http://www.pointsoflight.org/programs/recognition>

VEX Robotics

Schools interested in learning more about VEX Robotics and available grants should visit

<http://www.vexrobotics.com>

www.roboticseducation.org www.robotevents.com

Grant Funding Alerts *It's never too early to start working on a grant!*

Name: Annenberg Foundation

Who: Areas of arts, culture and humanities, civic and community, environment, education, and human health and wellness

Amount: \$10,000 - \$100,000

Deadline: Rolling

Link: <http://www.annenbergfoundation.org/grantmaking/how-to-apply>

Name: Arthur Vining Davis Foundations **Who:** Projects for improving teaching

Amount: \$100,000-\$200,000

Deadline: Rolling

Description: Projects may cover a wide range of initiatives intended to improve teaching. For example, projects might be designed to improve professional development for in-service and pre-service teachers, strengthen teaching skills, support practical research in teacher and high school education, or encourage innovative use of technology and new techniques for presentation of classroom materials in high schools

Link: www.avdf.org

Name: Ceres Foundation Grants

Who: For benefit of disadvantaged youth and vulnerable families

Amount: Up to \$240,000

Deadline: Rolling

Description: To expand opportunities for disadvantaged youth and vulnerable families to develop and make full use of their potential, so that they will be able to earn decent livings, enjoy healthy relationships, pursue their ambitions, and participate in their communities.

Link: <http://foundationcenter.org/grantmaker/ceres/>

Name: JP Morgan Chase Grants

Who: Open for non-profit organizations

Amount: Varies

Deadline: Rolling

Description: Create Pathways to Opportunity - a holistic approach to ensure that individuals have access to the knowledge, skills, resources, and capital they need to secure their futures and compete in the global economy.

Link: <http://www.jpmorganchase.com/corporate/Corporate-Responsibility/grant-programs.htm>

Grant Funding Alerts *It's never too early to start working on a grant!*

Youth Program Grants

Deadline: Open

Sponsor: The Entertainment Software Association Foundation

Amount: Varies

Type: Social & Economic, Arts & Culture

The ESA Foundation is dedicated to supporting positive programs and opportunities that make a difference in the lives of America's youth.

<http://www.esafoundation.org/application.asp>

KaBOOM! Spruce Project Grants

Deadline: Rolling

Are you itching to serve? Organize your friends, clean up a playground, and you can become eligible for \$750, courtesy of Dr. Pepper Snapple Group. The grant is part of the Let's Play initiative to get kids and families active.

<http://grants.kaboom.org>

Name: Little Kids Rock Music Professional Development & Equipment Program

Who: Public school districts

Amount: Varies

Deadline: Rolling

Description: Teachers receive training & donation of curricula, instruments and other resources so that they can launch Modern Band music programming for students at their schools. Partners with public school districts in some of the nation's most economically disadvantaged communities with the goal of ensuring that all students (K-12) have access to music education and its many benefits. Teachers apply to be trained to use our innovative and transformational methodology. After their training is complete, teachers receive a donation of curricula, instruments and other resources so that they can launch Modern Band music programming for students at their schools

Link: <http://www.littlekidsrock.org/the-program/how-it-works/>

Name: Toyota USA Foundation: STEM Grants

Who: Schools, organizations to improve STEM education

Amount: \$200,000

Deadline: Rolling

Description: To improve k-12 education by supporting innovative programs in the areas of math, science, and environmental science.

Link: <http://toyota.com/about/philanthropy/guidelines/index.html>

Grant Funding Alerts *It's never too early to start working on a grant!*

Sponsor: Major League Baseball and Major League Baseball Players Association

Name: Baseball Tomorrow Fund

Who: Youth programs

Cost Share: None Shown **Amount:** Typically \$50,000-\$100,000

Deadline: Quarterly

Description: To promote and enhance the growth of youth participation in baseball and softball around the world by funding programs, fields, coaches' training, uniforms, and equipment. Grants are intended to finance a new program, expand or improve an existing program, undertake a new collaborative effort, or obtain facilities or equipment necessary for youth baseball or softball programs. Supports projects that meet the following evaluation criteria: increase the number of youth participating in baseball and softball programs; improve the quality of youth baseball and softball programs.

Link: eb.mlbcommunity.org/index.jsp?content=programs&program=baseball_tomorrow_fund

Youth and Community Development Grants

Sponsor: Office Depot Foundation

Deadline: Monthly **Amount:** \$50-\$3,000

Description: The Foundation provides funding to the following program areas: 1. Giving Children Tools for Success—Supporting activities that give young people tools to succeed in the school and in life through education and inspiration. 2. Building Capacity to Serve Communities—Supporting programs that help non-profit organizations to serve the needs of their communities efficiently and effectively. 3. Disaster Preparedness, Relief, Recovery and Rebuilding....

<http://officedepotfoundation.org>

Name: Actuarial Foundation: Advancing Student Achievement (ASA) Grant

Who: To benefit grades 4-12

Amount: \$5,000 **Deadline:** Open

Description: Supports math enhancement programs that bridge the gap between classroom and real world mathematics for grades 4-12 students in U.S. public and private schools. Programs eligible for support may include, but are not limited to, clubs, competitions, before and after school programs, classroom extension periods, etc. Funded programs must impact 20 to 25 students and meet a minimum of one time per month. **Link:**

http://www.actuarialfoundation.org/programs/teachers/what_asa_grant.shtml

Resources

DonorsChoose.org Makes It Simple to Help Classrooms

DonorsChoose.org is an online charity that makes it easy for anyone to help students in need. Public school teachers from every corner of America post classroom project requests on this site. Donors can find projects or classrooms that most inspire them and make a donation. When a project reaches its funding goal, DonorsChoose.org ships the materials to the school. You'll get photos of the project, a letter from the teacher, and insight into how every dollar was spent. Give over \$50 and you'll also receive a hand-written thank from the students. If you're a teacher looking for support for a classroom project, just go to DonorsChoose.org and start your own account. The Bill and Melinda Gates Foundation announced that it will match \$1 million in donations to DonorsChoose.org. Donors need to enter the code JUMPSTART to have their donation matched.

Freebies to Build Better Lessons

EngageNY curates a number of Common Core lesson plans for pre-K through 12th grade that can be searched by grade, subject and keywords. There are also curriculum maps and a rich video library.

BetterLesson houses 16,000+ Common Core, Next Gen science, and blended learning lessons created from Master Teacher projects. There are additional lessons created by the BetterLesson community, and there's a page with "new and popular" lessons of the week. It's easy to search the site. When we searched "ELA thesis statements," we found 15 lessons from Master Teachers and almost 97,000 from the community.

Grab and Go Mini-tasks for teachers to use with students immediately in the classroom are on the Literacy Design Collaborative website. These resources for back to school help teachers create literacy-rich assignments and courses across content areas.

Art Teachers of Grades 6-12 You are invited—please join us!

Art Teachers' Tea and Mini-Grant Workshop

Could you use more art supplies for your students??

Find out how to get \$300 for Middle School and \$400 for High School

Art Teacher's Tea and Mini-grant Workshop

Saturday, October 10, 2015

2:00 – 4:00 pm

Mountain Oyster Club (6400 E. El Dorado Circle, Suite 100, Tucson)

RSVP required by Friday, October 2 to FWAgrant@gmail.com

Your RSVP will be confirmed. Event is free to grade 6-12 art teachers.

The Friends of Western Art is a non-profit organization.

Its mission is to promote the awareness of art of the American West in Tucson and Southeast Arizona through underwriting and educational programs.
www.friendsofwesternart.org

Resources

10 Great STEM Resources (source: *Tech and Learning* May 2015)

Check out these “stemtastic” sites identified by educator and consultant Michael Gorman:

1. **Science Buddies** features over 1,000 project ideas, science activities for quick exploration, and lots of inspiration for science fun.
2. **Algodoo** is an amazing free program that encourages user to be creative and play with physics. Make anything you can dream up and make it do anything you want.
3. **Code Academy**’s mission is to teach the world how to code, for free. Their resources include teacher training and lesson plans.
4. **Maker Camp** is a free summer camp where kids ages 13-18 can make awesome projects, go on epic virtual “field trips,” and meet the world’s coolest makers.
5. **EchoEarth** utilizes service-learning and rich online resources to equip youth to identify and solve environmental challenges in their communities.
6. **Graphite** makes it easier for educators to find the best apps, games, and Web sites for the classroom.
7. **Popplet** helps students think and learn visually and conceptually as they capture facts, thoughts, and images and learn to create relationships between them.
8. **AAS**—The American Astronomical Society offers a wealth of STEM information on the study of the universe and resources to enrich the STEM classroom.
9. **STEM Education Coalition** works aggressively to raise awareness about STEM education and offers many ideas, facts research, and resources.
10. **EDpuzzle** enables you to find and customize any video (crop it and add notes, questions, voice overs) for use in your class.

Ten of the Best Virtual Field Trips from eSchool News

1. Arctic Adventure
2. Global Trek
3. Google Lit Trips
4. Hershey’s Factory
5. Le Louvre
6. Mt. Everest
7. Museum of Natural History
8. Panoramas of the World
9. Space
10. White House



New Resources on School Discipline: The Justice Department launched a resource center aimed at helping initiatives to reform school discipline across the country. The resource hub will offer training and technical assistance for juvenile courts, schools, law enforcement agencies and others.

How Flipped Educators Can Create Video Tutorials A La Khan in No Time Flat Blended learning and flipped learning just got a whole lot easier. Anyone can now create learning resources for students in little more time than is required for a normal explanation of a topic. <http://www.eschoolnews.com/2015/09/10/app-snip-khan-402/?ps=ycorley@pinalesa.org-001a000001LgN0Z-003a000001k7wmq>

Source: eSchool News, 9/10/2015

Be a part of literacy history on Oct. 19th

Reading is a part of everyday life, and a critical life skill that no child should be missing. That's why, on Oct. 19, we're rallying thousands of volunteers, educators, parents, and partners in every time zone for one of the largest reading events of all time.

Join us for [Read Across the Globe](#), an initiative that brings the power of volunteers together to impact literacy in communities around the world—including yours.

Read Across the Globe, an initiative of Points of Light, is sponsored by Deloitte, with the support of The Barbara Bush Houston Literacy Foundation and Volunteer Houston—along with other global nonprofits, businesses, and HandsOn Network Affiliates across the U.S. and in 30 countries.



THE ADVOCATE FOR A GEOGRAPHICALLY LITERATE SOCIETY

Monarch Mystic Migration

Description: In this lesson students will investigate the mystery of how the monarch finds its way to Mexico each year. Students will explore a hypothesis that scientists use to theorize, explore, and ponder this mystery. Students will learn how the earth's magnetic pull plays a part in monarch navigation, by exploring and creating compasses with magnets. This lesson includes strategies for diverse learners (ELLs).

Author: Ana Parra **Grade Range:** 3 **Duration:** 2 class periods

[Teacher Instructions](#) [Student Worksheets, Assessments, and Answer Keys](#)

[Where is North? The Compass Can Tell Us](#) (NASA Publication)

[Map – Monarch Butterfly Fall Migration Path](#)

Materials to Assist Teachers and English Language Learners:

[Vocabulary Cards](#) [Vocabulary Test](#)

Other links that may be useful (especially for older students)

[Monarch-Butterfly.com](#) (pictures of butterfly and life stages)

[Monarch Butterfly](#) (*Danaus plexippus*) – NGS site

[Monarch Watch.org](#) – research and how you can help increase habitat

Monarch Wildlife Federation [Monarch Butterfly](#) (Wildlife Library)

[The Wild Center](#) – videos by Lincoln Brower and Dr. Chip Taylor (about an hour each)

Cathy L. Davis

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning |

P O Box 875302 | Tempe, AZ 85287-5302 |

cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313

<http://geoalliance.asu.edu/>

976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

"Geography Takes You Places"